Development Project Features List Template

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| --- | --- | --- | --- | --- |
| **Final Overall System Features** | **Category** | **Possible Points** | **Points** | **Comments / Code Files** |
| **Documentation (15 total points)** | | | | |
| Executive Summary (up to 1 page) | Core | 2 | 1 |  |
| System Features (2 pages) | Core | 2 |  |  |
| List of Web and AI sources used | Core | 3 |  |  |
| Walkthrough with screenshots (up to 15 pages) | Core | 8 |  |  |
|  | | | | |
| **Hosting (10 total points)** | | | | |
| Running on cloud server | Advanced | 10 |  |  |
|  | | | | |
| **Main/Home Page (up to 14 total points)** | | | | |
| Search for a product by name | Core | 1 | 1 |  |
| Browse products by category | Core | 1 | 1 |  |
| List products (by search/browse) | Core | 1 | 1 |  |
| List products with image | Core | 1 | 1 |  |
| Page header with menu | Basic | 1 | 1 |  |
| Page header shows current logged in user | Basic | 1 | 1 |  |
| Dynamic products on page based on sales | Basic | 2 |  |  |
| Improved UI (user-friendly, images, etc.) | Basic | 2 | 2 |  |
| Product recommendation based on user | Advanced | 4 |  |  |
|  | | | | |
| **Shopping Cart (up to 8 total points)** | | | | |
| Add to shopping cart | Core | 1 | 1 |  |
| View shopping cart | Core | 1 | 1 |  |
| Update quantity (with data validation) | Basic | 1 | 1 |  |
| Remove item from shopping cart | Basic | 1 | 1 |  |
| Improved formatting/UI (e.g. in header bar) | Basic | 1 | 1 |  |
| Cart stored in database between sessions | Basic | 3 |  |  |
|  | | | | |
| **Checkout (up to 9 total points)** | | | | |
| Checkout with customer id | Core | 1 | 1 |  |
| Checkout with payment/shipment info | Basic | 2 | 2 |  |
| Checkout with data validation | Basic | 2 |  |  |
| Multiple shipments per order supported | Advanced | 2 |  | Note: Requires DB change. |
| Calculate taxes/shipping (by items/state) | Advanced | 2 |  | Note: Requires DB change. |
|  | | | | |
| **Product Detail Page (up to 2 total points)** | | | | |
| Product detail page and item description | Core | 1 | 1 |  |
| Product detail has an image from database | Core | 1 | 1 |  |
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| **User Accounts/Login (up to 12 total points)** | | | | |
| Create user account page | Basic | 2 |  |  |
| Create account with data validation | Basic | 2 |  |  |
| Edit user account info (address, password) | Basic | 2 | 2 |  |
| Login/logout | Core | 1 | 1 |  |
| Register user/Forgot password email | Advanced | 4 |  |  |
| Page listing all orders for user | Core | 1 | 1 |  |
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| **Product Reviews (up to 5 total points)** | | | | |
| Ability to enter a review on a product | Basic | 2 |  |  |
| Display product review on product detail page | Basic | 1 |  |  |
| Restrict to one review per user on item purchased | Advanced | 2 |  |  |
|  | | | | |
| **Warehouses/Inventory (up to 5 total points)** | | | | |
| Display item inventory by store/warehouse | Basic | 2 |  |  |
| Edit item inventory by store/warehouse | Advanced | 3 |  |  |
|  | | | | |
| **Administrator Portal (up to 19 total points)** |  |  |  |  |
| Secured by login | Core | 1 | 1 |  |
| List all customers | Core | 1 |  |  |
| List report showing total sales/orders | Core | 1 | 1 |  |
| Report with a graph | Advanced | 3 | 3 |  |
| Add new product | Basic | 2 | 2 |  |
| Update/delete product | Basic | 2 | 1 |  |
| Change order status/ship order | Basic | 1 | 1 |  |
| Upload a photo to file system for product | Advanced | 2 |  |  |
| OR: Upload a photo to database for product | Advanced | 4 | 4 |  |
| Database restore with SQL script | Basic | 2 |  |  |
| Add/update warehouse, customer | Basic | 2 |  |  |
|  |  |  |  |  |
| **Database System/General** |  |  |  |  |
| Implement some validation using triggers | Advanced | 2 |  |  |
| Use AJAX for some pages | Advanced | 4 | 4 |  |
| User interface and navigation/usability |  | Up to 5 | 5 |  |
| *Others (your suggestions)* |  | Up to 5 | 5 | User can have multiple addresses, servlets and classes being used, cart icon bounces when items in cart, pagination on products page, show password on login, toasts when saving/adding/deleting, data validation using regex when updating customer info, date range for sales graph |
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| **Total: (out of 50 with maximum of 10 bonus marks. i.e. 60 points out of 50 is max.)** |  | 63 |  |  |